

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of claims in the application.

1. (Cancelled)

2. (Original): A boat having enhanced stability, safety and comfort, comprising:

a boat hull having at least one elongated vertical slot extending substantially therethrough, such that water, on which the boat is floating, freely communicates with said slot.

3. (Original): The boat of claim 2, wherein said slot extends longitudinally through said boat hull.

4. (Original): The boat of claim 3, wherein said slot is open at a front and a rear thereof.

5. (Original): The boat of claim 3, wherein said slot is open at a rear and closed at a front thereof.

6. (Original): The boat of claim 3, wherein said slot is open on a bottom thereof.

7. (Original): The boat of claim 3, wherein said slot is closed on a bottom thereof.

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8. (Original): The boat of claim 3, wherein said slot is closed at a front and rear thereof.
9. (Original): The boat of claim 2, wherein an air vent is communicated with said slot.
10. (Original): The boat of claim 3, wherein said slot is intermittently open on the bottom thereof.
11. (Original): The boat of claim 2, wherein said slot extends upwardly to a location above the waterline of the boat, such that said slot is simultaneously above and below the waterline.
12. (Original): The boat of claim 3, wherein said slot extends substantially along a longitudinal centerline of said boat hull.
13. (Original): The boat of claim 2, wherein said slot extends longitudinally through said boat hull substantially along a longitudinal centerline thereof, and is open on the front, bottom and rear thereof, and further wherein said slot extends upwardly to a location above the waterline of the boat such that said slot is simultaneously above and below the waterline.
14. (Original): The boat of claim 13, wherein multiple centers of buoyancy are created, at least one each on opposing sides of said slot.

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15. (Original): The boat of claim 2, wherein said slot extends transversely through said boat hull.

16. (Original): The boat of claim 15, wherein said transverse slot is angled.

17. (Original): The boat of claim 2, wherein said boat hull is a catamaran, wherein each side hull has a transverse slot extending therethrough.

18. (Original): The boat of claim 2, wherein said boat hull is a trimaran, and wherein each hull of the trimaran has a transverse slot extending therethrough.

19. (Original): The boat of claim 2, further comprising a second slot, wherein said slot extends longitudinally through said boat hull, and said second slot extends transversely through said boat hull.

20. (Original): The boat of claim 2, wherein said boat hull includes a plurality of elongated slots extending longitudinally therethrough.

21. (Original): The boat of claim 20, wherein said boat hull includes 3 elongated slots extending longitudinally therethrough, and wherein one of said 3 slots extends substantially along a centerline of said boat hull.

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22. (Original): The boat of claim 2, wherein multiple centers of buoyancy are created, at least one each on opposing sides of said slot.

23. (Original): The boat of claim 2, wherein said boat hull is a submarine hull.